

Project Status Report

**Public Safety Mobile
Radio Communications**

**MCC/Weekly Update
Implementation Phase**

For period:	<i>Jan. 8, 2007, to Feb. 9, 2007</i>
Submitted by:	Justin Data
Green	Strong probability the project will be delivered on time, within budget, and with acceptable quality.
Yellow	Good probability the project will be delivered on time, within budget, and with acceptable quality. Schedule, budget, resource, or scope changes may be needed.
Red	Probable that the project will NOT be delivered with acceptable quality without changes to schedule, budget, resources, and/or scope.

EXECUTIVE SUMMARY

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Yellow	Yellow	Yellow, because with the tower punchlist items being delayed through end of biennium we will be eating up around half of our allowable variance for schedule. We are, however, still within acceptable limits per the re-plan.
Scope	Green	Green	No changes since last reporting period.
Schedule	Yellow	Yellow	Although the project is on track to complete around -10% variance per the re-planned baseline, this is within the allowable limit of -20%.
Cost	Green	Green	Contract is a fixed bid.
Project Risk	Green	Green	No changes since last reporting period.

Accomplishments (of this period):

- **Antenna/Tower installation work**
 - All tower work is on hold until the Spring. The bad antenna is going to be sent back to Andrew Corp. for them to review the cause of the failure. The connector was broken, but Andrew could not determine if it was a manufactures defect or an installation problem. They are requesting more antennas.
- **Punchlist items**
 - Sites completed: Valley City, New Salem, Ryder, Minot, and Hannover. (12 sites total)
 - UPS solution devised (not yet implemented – details of implementation being planned)
 - DIU discussion/review internally at Motorola in progress
- **Highway Patrol Coverage Checks**
 - All completed.
 - Only item of potential concern from latest batch of tests: Poor mobile data coverage on hilltops in Fortuna area. Recheck this area?

- **Other Items**

- ASTRO training completed
- Justin working with Larry, Bob and Motorola on finalizing the PA credit

Expected Accomplishments (of next period):

- Punchlist item work continues

Expected Accomplishments (on the horizon):

- *Continue working punchlist items*

RISK MANAGEMENT

Status Item	Current Status	Prior Status	Summary
Project Risk	Green	Green	Removed risk items. Primary concern moving forward is weather impacting the schedule.
Risk Management Log Summary <i>Note: The "active" risk and issue logs are current in this report. For potential risks and other issues, please see the Project Plan and the State's WMS system, respectively.</i>			
Risk #	Description	Response Plan	Owner
	Severe Weather	The state will determine if and when it is appropriate to snow plow the tower site to accommodate installation. Detailed in Motorola contract, exhibit C-3. Motorola will update work schedules to accommodate any changes necessitated by weather.	DOT/Doug Faiman, Motorola/Mark Swink
Comments: The "weather factor" has been a consistently monitored and impactful risk throughout the duration of this project. During winter, of course, the issue is with snow and ice – tower safety and site access. Not to be outdone by winter, however, summer's drought and brushfire risk has also played a role in juggling installations.			
Issues Log Summary <i>Note: An issues log with additional details can be found on the state's WMS system. Additionally, completed issues are listed in WMS.</i>			
Issue #	Description	Required Action	Owner
17 (WMS)	The tower audit crew that came to the state to fix the tower punchlist items that they had previously found in their audit has deemed the towers unsafe to climb (temporarily). This is due to a consistent layer of ice on the towers. The towers were found to be ice coated in multiple locations.	Motorola is recommending that we schedule the tower crew to come back into the state in March/April 2007, depending on how the weather breaks as Spring approaches. Motorola expects that the tower punchlist could be fixed in one month, thereby having the project comfortably completed by the end of the current bi-ennium. Given the knowledge the crew has, the logistical (and cost) issues related to weather, the safety of the personnel working the towers, and the fact that the system -- despite the tower items that need fixing -- is operating at a coverage level equal to or better than the previous system, the audit crew and Motorola feel this is the best approach. The radio equipment crew, however, would continue to work on their punchlist items through the winter. The radio equipment is inside the heated site buildings, and the techs can walk or snowshoe in if the access road is impassable.	Mark Swink
Comments: All other items that remain issues are being tracked via punchlist.			

SCOPE MANAGEMENT

Status Item	Current Status	Prior Status	Summary
Scope	Green	Green	
Change Control Log Summary			
Change #	Description	Action Accept/Reject	Action Date
1	Technical change for combiner Frequencies	Accepted	2/23/2006
2	T1 early installs – Orders Lines Change Approval	Accepted	6/2/2005
Comments:			
Milestone Acceptance Log Summary			
Deliverable #	Deliverable Name	Action Accept/Reject	Action Date
1	Detail System Design Kickoff Meeting	Accepted	1/5/05
2	State Radio Central Site completed	Accepted	4/18/05
3	Bismarck Network internal & external electrical completed	Accepted	6/15/05
4	Fargo Network internal & external electrical completed	Accepted	5/25/05
5	Grand Forks Network, internal & external completed	Accepted	6/27/05
6	Dickinson Network, internal & external completed	Accepted	6/21/05
7	Minot Network, internal & external completed	Accepted	7/18/05
8	Williston Network, internal & external completed	Accepted	7/18/05
9	Bismarck Network antenna/line work completed (no ice bridges/safety climbs)	Accepted	7/27/05
10	Fargo Network antenna/line work completed (no ice bridges/safety climbs)	Accepted	9/29/05
11	Dickinson Network antenna/line work completed (no ice bridges/safety climbs)	Accepted	11/21/05
12	Minot Sub-Network antenna/line and climbs/ice bridges completed	Accepted	3/29/2006
13	Williston antenna/line and climbs/ice bridges	Accepted	6/30/2006
14	Grand Forks antenna/line and climbs/ice bridges	Accepted	6/30/2006
15	Dickinson climbs/ice bridges	Accepted	8/22/2006
16	Bismarck climbs/ice bridges	Accepted	8/22/2006
17	Fargo climbs/ice bridges	Accepted	8/22/2006
18	Bismarck radio equipment	Accepted	8/28/2006
19	Fargo radio equipment	Accepted	10/9/2006
20	Grand Forks radio equipment	Accepted	10/9/2006
21	Minot radio equipment	Accepted	11/6/2006
22	Williston radio equipment	Accepted	12/11/2006
23	Dickinson radio equipment	Accepted	12/18/2006
24	Conditional system acceptance	Accepted	12/28/2006
25	Final system acceptance	TBD	TBD
Comments:			

COST MANAGEMENT

Status Item	Current Status	Prior Status	Summary	
Budget	Green	Green	All potential combiner cost increases have been waived by Motorola as a result of the Feb. 23, 2006, issue resolution meeting between the State and Motorola.	
Project Budget	Revised Budget		Expenditures to Date	Estimated Cost at Completion
\$7,121,545.85	NA		\$3,525,346.56	\$3,525,346.56
Comments:				
<ul style="list-style-type: none">The project budget includes the original system items that are covered in the nine-year lease agreement payment scheme, plus two previous change order items (Decibel Stabilizer Kits, \$49,241.92; and Channel Banks, \$8,750). The change order items are now a part of the “re-plan” budgetExpenditures to date are the lease payments made to date, plus the two change order items mentionedThe estimate at completion includes expenditures to date, plus the pending Nov. 2006 lease paymentPayments for the full project budget will be realized at the end of the nine-year lease agreement				